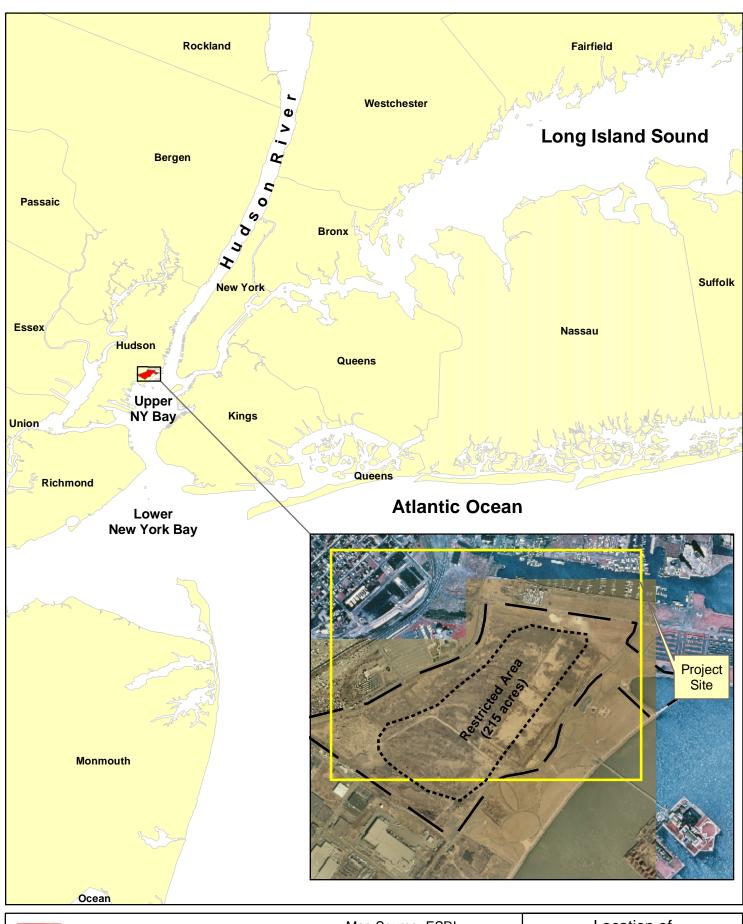
LIST OF FIGURES

Figure 1-1.	Location of Liberty State Park Restoration Site, Jersey City, New Jersey
Figure 1-2.	Liberty State Park Study Area
Figure 1-3.	Regulated wetlands within Project Site in Liberty State Park
Figure 1-4.	Drainage area and proposed wetlands
Figure 2-1.	Contoured groundwater levels (15 November 2003) and piezometer locations
Figure 3-1.	Total monthly precipitation for 2003 and 1993-2002
Figure 3-2.	Monthly precipitation for the average of three driest and three wettest years
Figure 3-3.	Monthly precipitation for Jersey City and Newark Airport, 1993-1996
Figure 3-4.	Locations of infiltration tests
Figure 3-5.	Simple Method and XP-SWMM Results
Figure 4-1	Water balance for Alternative 1, 1993-2002 period
Figure 6-1.	Liberty Science Center Wetland – Plan View
Figure 6-2.	Liberty Science Center Wetland – Profile
Figure 6-3.	Biofilter – Plan View
Figure 6-4.	Biofilter – Profile
Figure 6-5.	Deepwater Emergent Wetland – Plan View
Figure 6-6.	Deepwater Emergent Wetland – Profile
Figure 6-7.	Infiltration Basin – Plan View
Figure 6-8.	Infiltration Basin – Profile
Figure 6-9.	Freshwater Alternative Plan A
Figure 6-10.	Freshwater Alternative Plan B
Figure 6-11.	Freshwater Alternative Plan C
Figure 6-12.	Freshwater Alternative Plan D
Figure 7-1.	Wetland Restoration Plans
Figure 8-1.	Drainage subcatchments area

Figure 8-2. LSC Wetland Rainfall/Infiltration: 10-year Event

- Figure 8-3. LSC Parking Lot Rainfall/Infiltration: 10-year Event
- Figure 8-4. Liberty State Park Existing Conditions SWMM Network
- Figure 8-5. Liberty State Park Alternative A SWMM Network
- Figure 8-6. Liberty State Park Alternative B SWMM Network
- Figure 8-7. Liberty State Park Alternative D SWMM Network
- Figure 8-8. Alternative A Biofilter Wetland Performance 1983 (Wet)
- Figure 8-9. Alternative A Deepwater Emergent Marsh Performance 1983 (Wet)
- Figure 8-10. Alternative A Biofilter Wetland Performance 1976 (Dry)
- Figure 8-11. Alternative B Deepwater Emergent Marsh Performance 1976 (Dry)
- Figure 8-12. Alternative A DEM Overflow 1976 (Dry)
- Figure 8-13. Alternative A DEM Overflow 1983 (Wet)
- Figure 8-14. Alternative B Biofilter Performance 1983 (Wet)
- Figure 8-15. Alternative B Biofilter Performance 1976 (Dry)
- Figure 8-16. Alternative B Deepwater Emergent Marsh Performance 1983 (Wet)
- Figure 8-17. Alternative B DEM Overflow 1983 (Wet)
- Figure 8-18. Alternative B Deepwater Emergent Marsh Performance 1976 (Dry)
- Figure 8-19. Alternative B DEM Overflow 1976 (Dry)
- Figure 8-20. Alternative D Biofilter Performance 1983 (Wet)
- Figure 8-21. Alternative D Biofilter Performance 1976 (Dry)
- Figure 8-22. Alternative D Deepwater Emergent Marsh Performance 1983 (Wet)
- Figure 8-23. Alternative D Deepwater Emergent Marsh Performance 1976 (Dry)
- Figure 8-24. Alternative D Infiltration Basin WSEL (1983)
- Figure 8-25. Alternative D Infiltration from Basin (1983)
- Figure 8-26. Alternative D Infiltration Basin WSEL (1976)
- Figure 8-27. Alternative D Infiltration from Basin (1976)
- Figure 8-28. Alternative A Biofilter Wetland During a 10 year/24 hour event
- Figure 8-29. Alternative A LSC Detention Area During a 10 year/24 hour event
- Figure 8-30. Alternative B Biofilter Wetland During a 10 year/24 hour event
- Figure 8-31. Alternative B LSC Detention Area During a 10 year/24 hour event

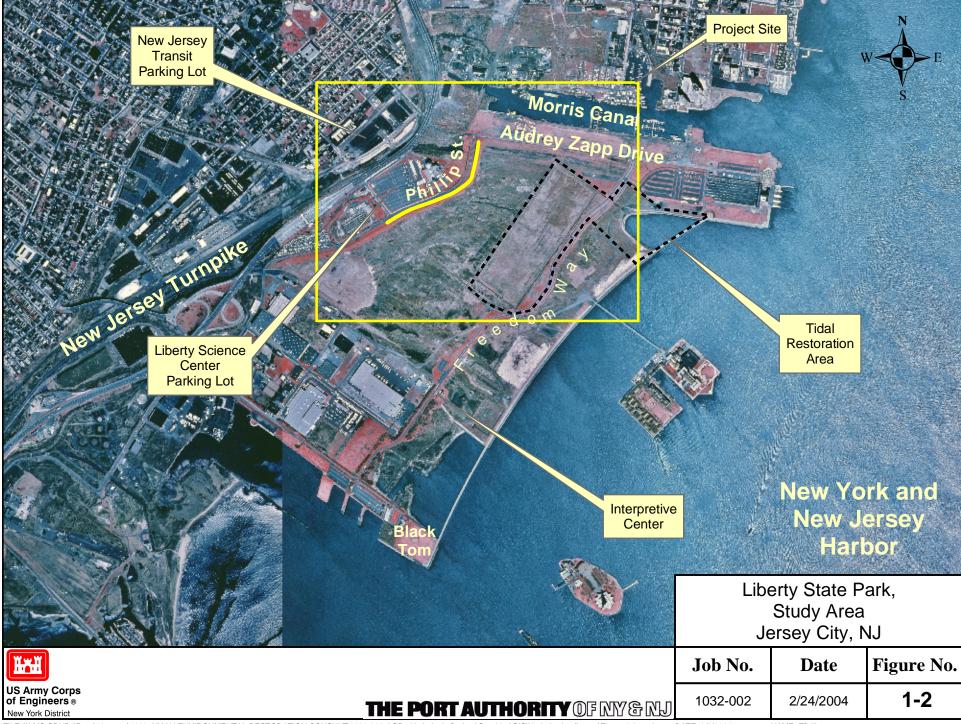
- Figure 8-32. Alternative D Biofilter Wetland During a 10 year/24 hour event
- Figure 8-33. Alternative D LSC Detention Arae During a 10 year/24 hour event
- Figure 8-34. 1983: Infiltration Basin Sensitivity Analysis Infiltration (Elevation and Flow)
- Figure 8-35. 1983: Infiltration Basin Sensitivity Analysis Infiltration (Stage)
- Figure 9-1. Solids routing for the Proposed Plan

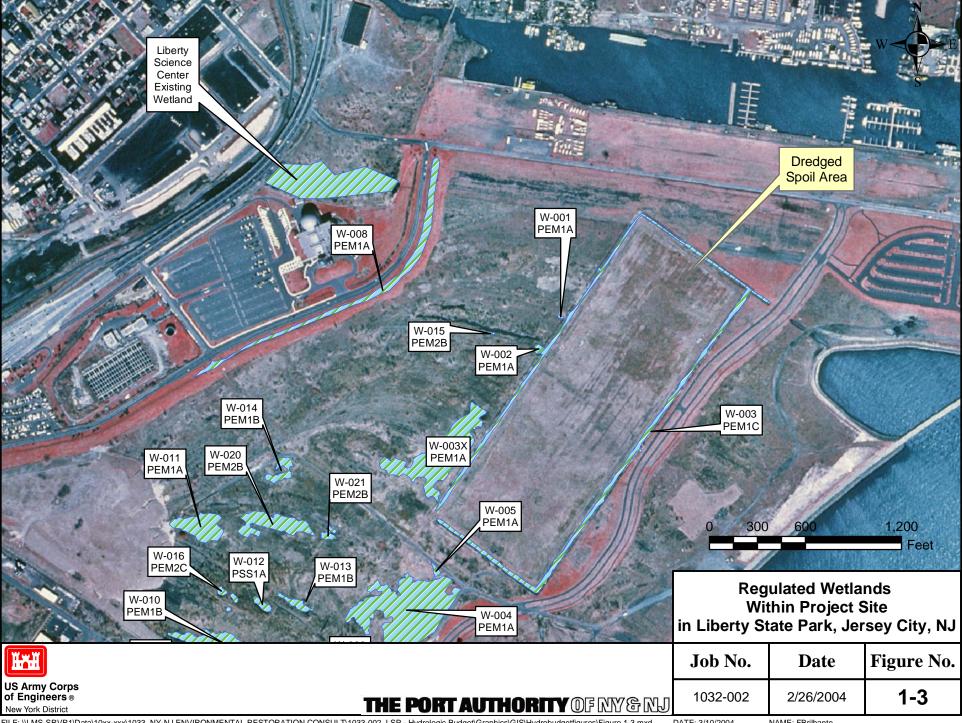


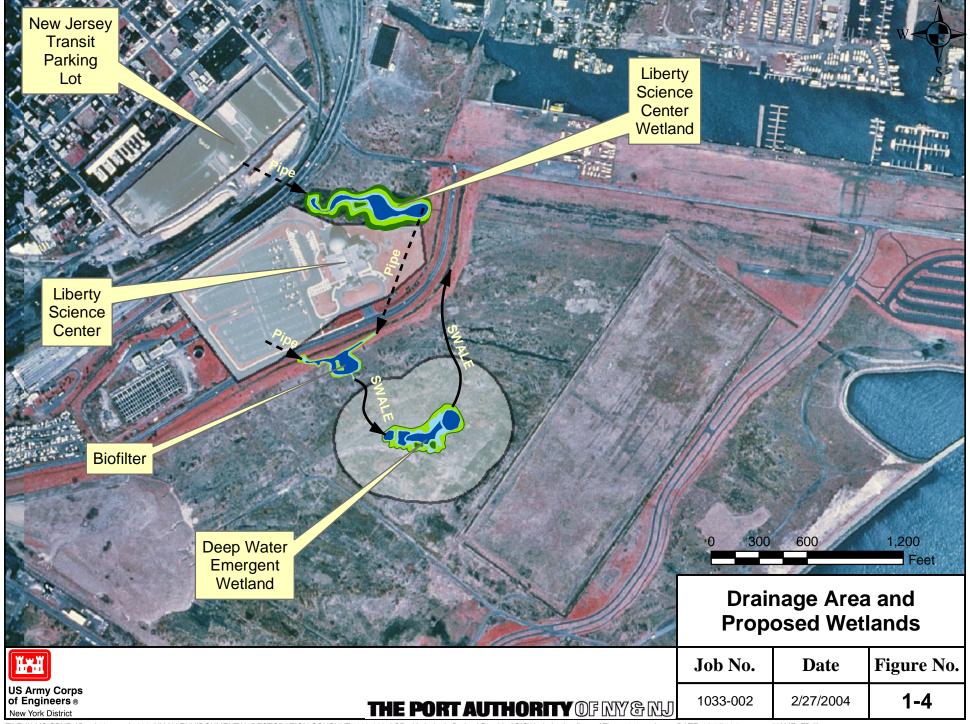


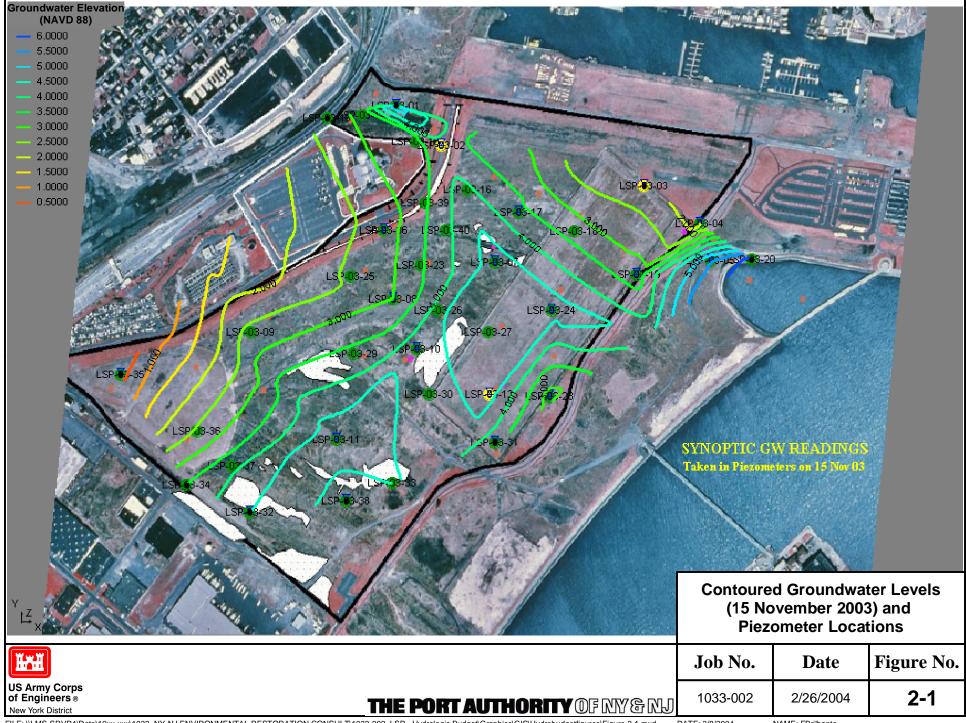
Map Source: ESRI Aerial Photo Source: USACE Location of Liberty State Park Restoration Site Jersey City, NJ

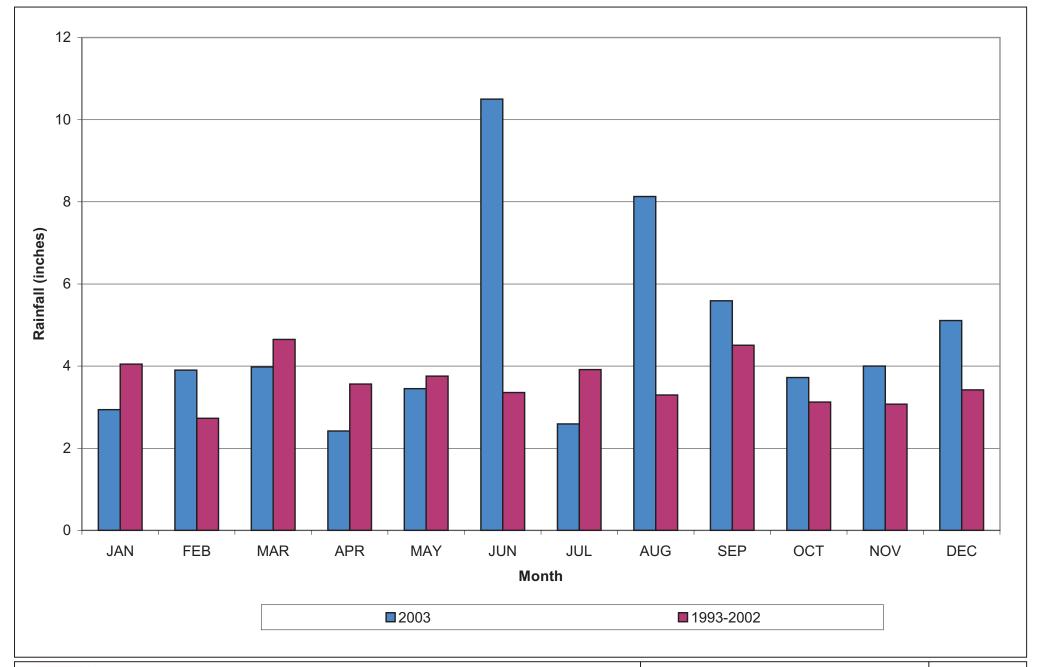
Figure 1-1









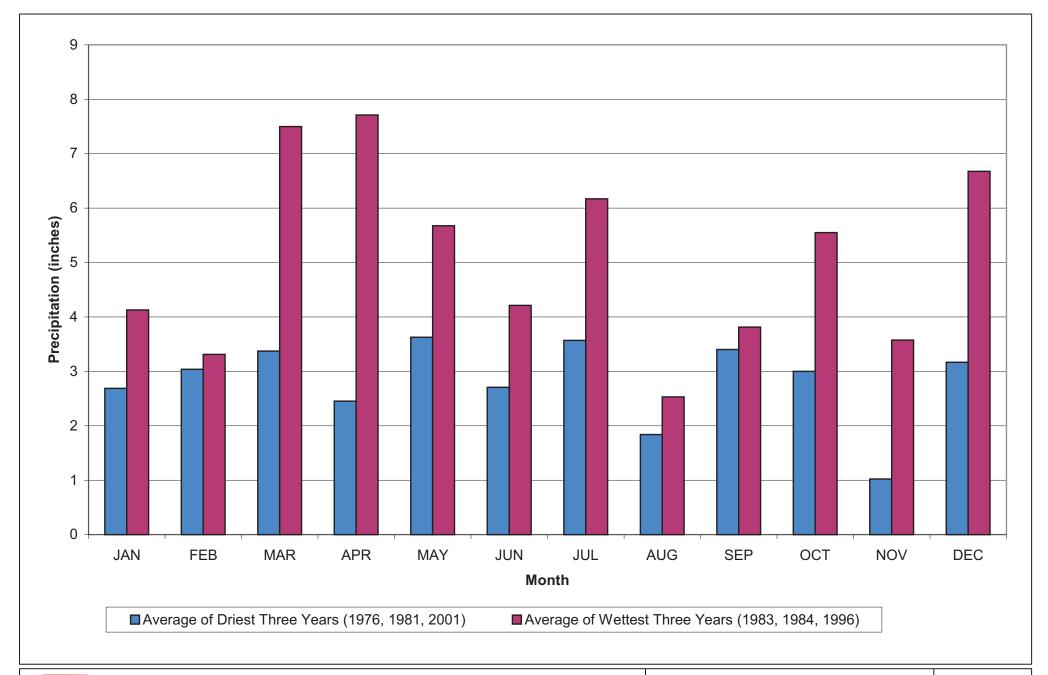




THE PORT AUTHORITY OF MY SNJ

Newark Airport Monthly Average Precipitation

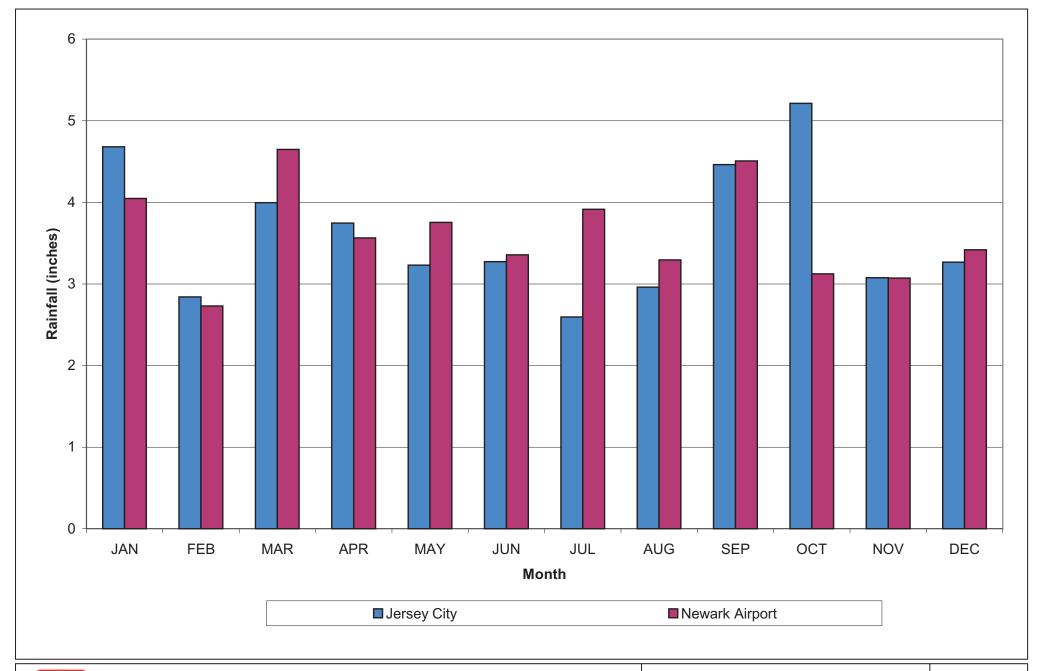
Figure 3-1





Average Precipitation Period of Record 1971 - 2002

Figure 3-2

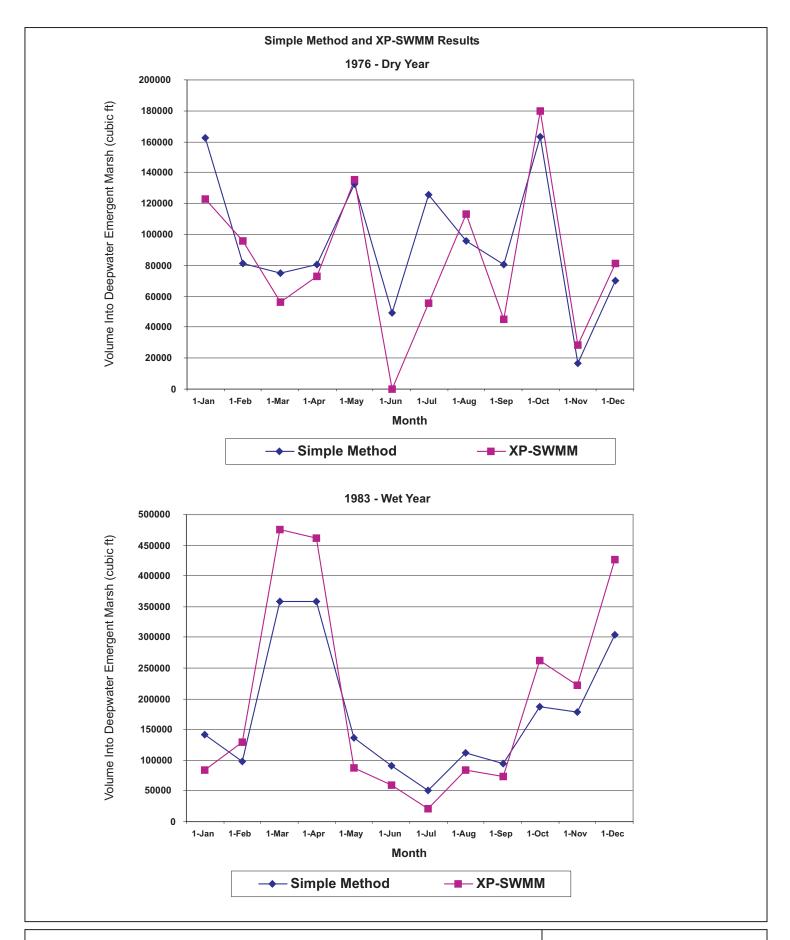




Average Precipitation 1993 - 1996

Figure 3-3

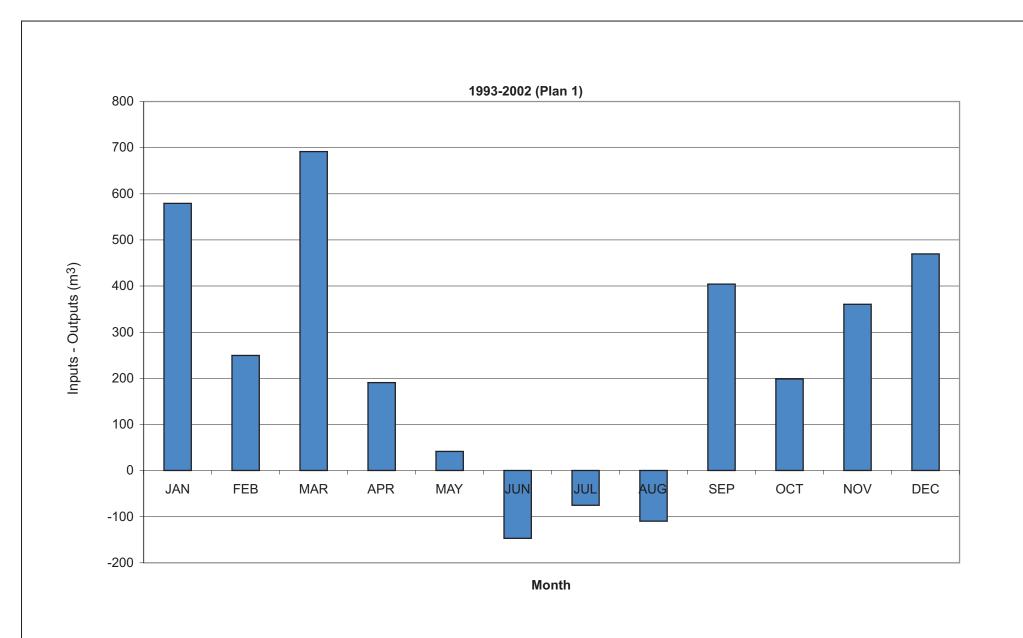






XP-SWMM Results

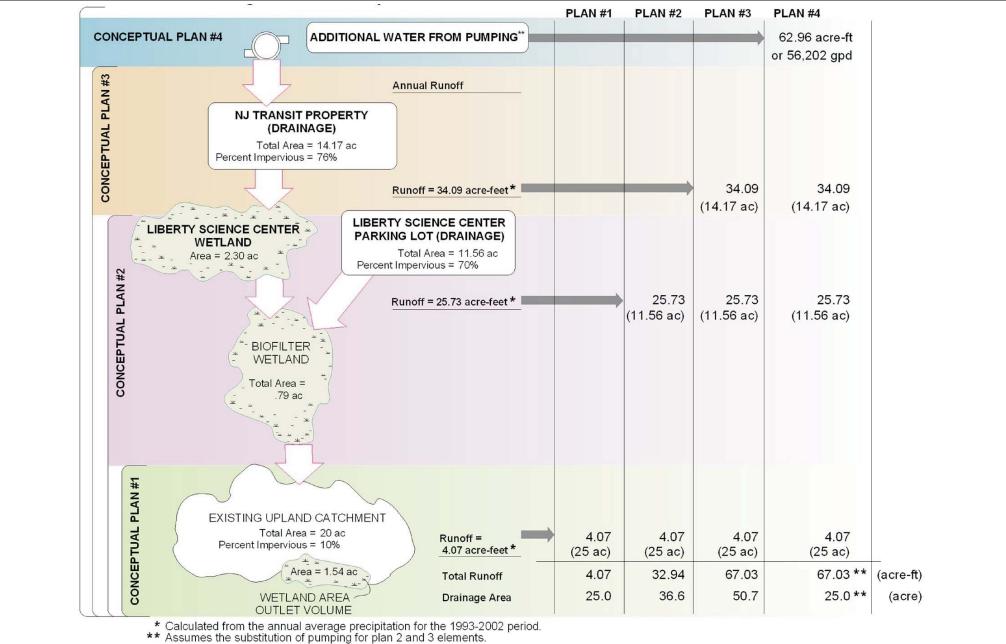
Simple Method and





Water Budget (Inputs - Outputs)

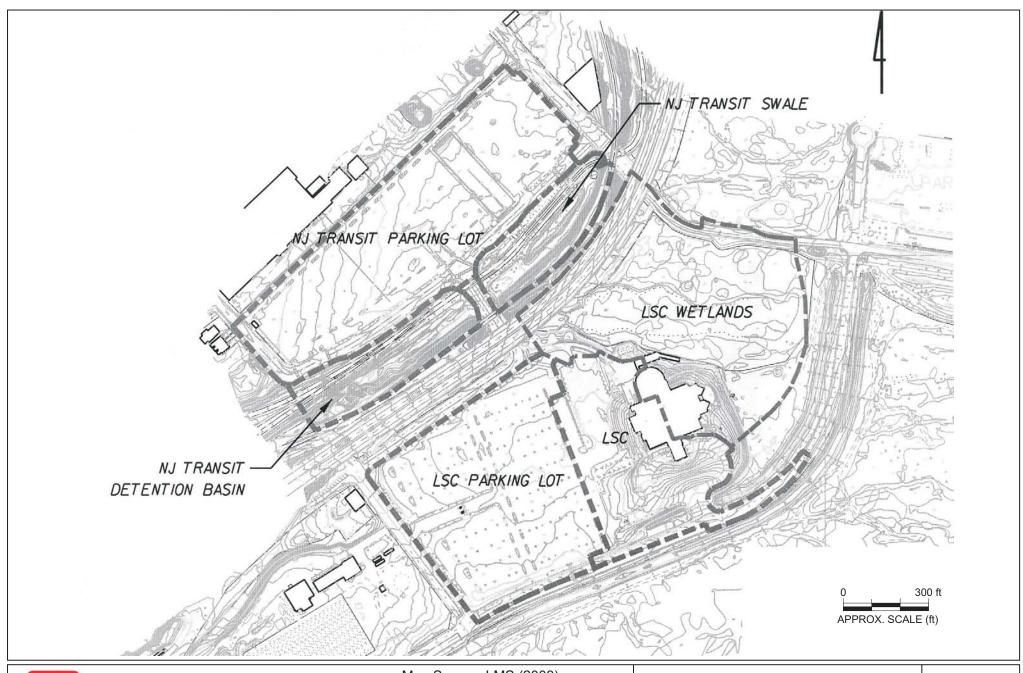
Figure 4-1





Conceptual **Restoration Plans Under Consideration**

Figure 7-1

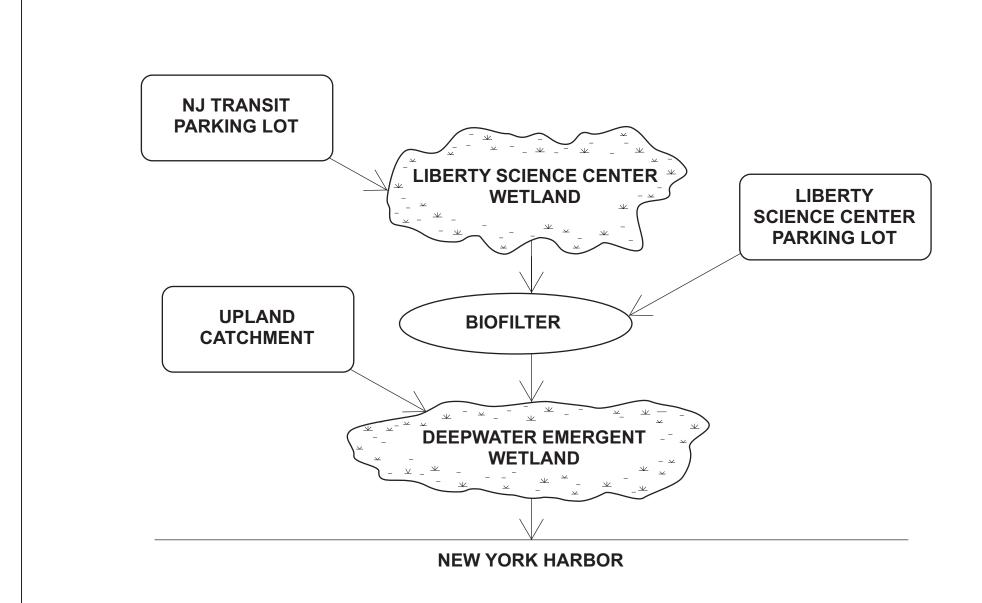




Map Source: LMS (2003) Aerial Photo Source: USACE (2002)

Drainage Subcatchments Area

Figure 8-1





Solids Routing for the Proposed Plan

Figure 9-1